Applicant: MOHAMMAD A. HEIDARAN AND

ROBIN DAVERMAN Serial No.: 09/805,816 Filed: March 13, 2001

Page : 2

Attorney's Docket No.: 07078-030001



4. (Amended): A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type II collagen, hyaluronate and an effective amount of BMP-4 sufficient to induce or enhance chondrogenesis.

Please cancel claim 5 without prejudice.

102

7. (Amended): A method according to claim 20, 21, 22 or 23 wherein said step of exposing said cells occurs *in vivo*.

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9. (Amended): A method according to claim 20, 21, 22 or 23 wherein said step of exposing said cells occurs *in vitro*.

Please add new claims 20-23.

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- 20. A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type I collagen and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.
- 21. A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type II collagen and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.
- 22. A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type I collagen, hyaluronate and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.
- 23. A method for inducing or enhancing chondrogenesis in cells comprising the step of exposing said cells to a matrix composition comprising type II collagen, hyaluronate and an effective amount of BMP-4 and GDF-5 sufficient to induce or enhance chondrogenesis.